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CENTRAL INTELLIGENCE AGENCY INFORMATION FROM	REPORT
FOREIGN DOCUMENTS OR RADIO BROADCASTS	CD

COUNTRY Austria

**SUBJECT** Economic - Electric power consumption DATE OF

INFORMATION 1951

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Aug 1950 - Aug 1951

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THIS IS UNEVALUATED INFORMATION

SOURCE

Periodicals and newspaper as indicated.

## ELECTRIC POWER CONSUMPTION IN AUSTRIA

The basic data in Table 1 are derived from a report of the Austrian National Committee given at the Fourth World Power Conference in London in 1949, entitled "The Sources and Development of Austria's Supply of Energy." The report was compiled by 0. Ruiss and 0. Vas and was reprinted in condensed form in Oesterreichische Zeitschrift fuer Elektrizitaetswirtschaft, Vol III, No 8, Vienna, August 1950. Table 1 is supplemented by more recent data from sources as indicated. sources as indicated.

The following table shows the principal domestic consumer groups receivelectric power in 1937, 1946, 1947, and 1948.

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Table 1. Principal Domestic Consumers of Electric Power in Austria, 1937 and 1946 - 1948

							,		-,	
		•	1937 (million kw-hr)	1937 (%)	1946 (m1111on kw-hr)	1946 (%)	1947 (million kw-hr)	1947 (%)	1948 (million kw-hr)	1948 ( <b>\$</b> )
RESTRICTED		Small consumers							•	
		Households	213	8.6	537	18.8	540	16.1	548	12.7
		Trades	112	4.5	240	8.4	262	7.8	268	6.2
		Agriculture	66	2.7	55	1.9	61	1.8	74	1.7
	• •	Large consumers								-
	· 2	Power drawn from public net- work without use of own power production	438	17.7	707	24.8	980	29.3	1469	34.0
	RESTRICTED	With own power production *	871.	35.1	390	13.7	507	15.1	732	17.0
		Transportation								
		Austrian Federal Railroad	165	6.6	202	7.1	235	7.0	253	5.9
		Other transportation	77	3.1	86	3.0	102	3.0	122	2.8
		Public lighting	37	1.5	13	0.5	23	0.7	30	0.7
		Internal consumption by power plants	57	2.3	63	2.2	83	2.5	94	2.2
		Losses in transmission	14 14 14	17.9	558	19.6	561	16.7	723	16.8
		Total consumption	2480	100.0	2851	100.0	3354	100.0	4313	100.0
		Total consumption in kilo- watt-hours per inhabitant and year	366		410		483		620	

\* Including Losses

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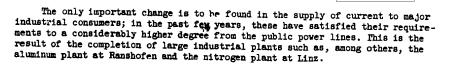
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The following figures on Austria's consumption, production, and export of electric power have been compiled from the Klagenfurt Volkszeitung of 29 April 1951:

Item	Year	Kilowatt-hours
Electricity consumption	1937	2,479,000,000
Electricity consumption	1950	5,600,000,000
Electricity production	1937	2,892,000,000
Electricity production	1950	6,380,000,000
Electricity exported	1950	780,000,000

The average industrial consumption in the 6 winter months 1950 - 1951 was 30 percent above that for the same period in 1949 - 1950 and amounted to 145 million kilowatt-hours. The chemical industry accounted for the consumption of 88 million kilowatt-hours, the iron industry for 80 million kilowatt-hours, and the paper industry for 20 million kilowatt-hours.

A table from the Vienna Statistische Nachrichten, Vol VI, No 8. August 1951, indicates how much power is drawn from the Austrian public power network by individual industrial groups, as follows:

Table 2. Power Drawn From Austrian Public Network by Industrial Groups, 1947-1950 (million kw-hr)

Industry	1947	1948	1949	<u>1950</u>
Ranshofen aluminum plant	101.6	247.0	258.9	317.8
Chemical industry	129.8	234.0	270.6	363.5
Iron-producing industry	140.8	217.0	243.2	300.3
Paper industry	31.4	54.3	72.2	90.7
Textile industry	24.6	35.1	53.6	78.4
Cement industry	23.6	38.6	58.1	74.2
Motor-vehicle industry	24.4	40.4	51.2	59.6
Iron- and metal-products industry	16.2	27.9	40.3	52.7

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